

ABSTRACT OF THE DISCLOSURE

5            A method of providing for synchronizing one or more  
synchronous terminals with one or more synchronous endpoints,  
each synchronous terminal and each synchronous endpoint having  
an asynchronous communications network coupled between at  
least one synchronous terminal and at least one synchronous  
10 endpoint. A synchronization protocol is established between a  
synchronous terminal and a synchronous end point by providing  
a gateway between the asynchronous communications network and  
the synchronous end point, the gateway communicating with the  
15 synchronous terminal over the asynchronous communications  
network in accordance with the synchronization protocol. The  
synchronization protocol includes sending a message from the  
gateway to the synchronous terminal, the message containing a  
timestamp identifying a clock associated with the synchronous  
20 end point. The synchronous terminal establishes a clock  
associated with the synchronous terminal by creating a clock  
estimate based upon the timestamp message and access jitter  
expected from the asynchronous communications network such  
25 that the clock associated with the synchronous terminal  
enables packet sampling and transmission onto the asynchronous  
communications network to and from the synchronous terminal to  
be synchronized with the clock associated with the synchronous  
end point.

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SEQUENCE LISTING

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